10.12.21 Anchita Padhi 5C (5820)

Exercise 16(A)

① Express in m, dm, cm and mm

a) 8.425 m - 8m 4dm 2cm 5mm
b) 7.75m - 7m 7dm 5cm
c) 27.078 - 27m 7cm 8mm
d) 52.064m - 52m 6cm 4mm
e) 0.6m - 6cm
f) 0.009m - 9mm
g) 1.050 - 1m 5cm
h) 75.08 - 75m 8cm

② Using decimal notation express in metres:

a) 8m 6dm 5cm 2mm - 8.652m
b) 10m 8dm 6cm 5mm - 10.865m
c) 15m 8dm 1cm 9mm - 15.819m
d) 1m 3dm 7cm - 1.37m
e) 7dm 4cm 3mm - 0.743m
f) 8cm - ~~0.008m~~ 0.08cm
g) 9mm - 0.009m
h) 4m 5mm - 4.005m

3. Express in km, hm, dam and m

a) 2·355 km - 2km 3 hm 5dam 5dm
b) 8.162 km - 8km 1hm 6dam 2dm
c) 30.750 km - 30km 7hm 5dam
d) 35·250 km - 35 km 2 hm 5dam
e) 48.878 km - 48 km 8hm 7dam 8dm
f) 7.075 km - 7km 7dam 5dm
g) ~~4m~~ 1.005 km - 1km 5dm
h) 9.003 km - 9km 3dm

4. Using decimal notation express in km

a) 1km 1hm 2dam 9m - 1.129 km
b) 7 km 8hm 2dam 2m - 7.822 km
c) 50 km 8dam 7m - 50.087 km
d) 24 km 5hm 6m - 24.506 km
e) 6hm 5m - 0.605 km
f) 5dam 2m - 0.052 km
g) 1km 5m - 1.005 km
h) 2km 8dam - 2.08 km

10.11.21

Exercise 16(A)

5. Express in kg, hg, dag and g

a) 3.127 kg = 3kg 1hg 2dag 7g
b) 16.485 kg = 16 kg 4hg 8 dag 5 g
c) 0.758 kg = 7hg 5 dag 8 g
d) 0.48 kg = 4hg 8dag
e) 6.5 kg = 6kg 5hg
f) 1.25 kg - 1kg 2hg 5dag
g) 250.04 kg - 250 kg 4dag
h) 0.008 kg - 8g

⑥ Using the decimal notation express in kg.

a) 2kg 2hg 7dag 2g = 2.272 kg
b) 5kg 5hg 1dag 5g = 5.515 kg
c) 7kg 2dag 7g = 7.027 kg
d) 5hg 3g = 0.503 kg
e) 10kg 6hg 5 dag = 10.65 kg
f) 6hg 4dag 2g = 0.642 kg
g) 6kg 5g = 6.005 kg
h) 9kg 6dag = 9.06 kg

7. Express in gm dg cg mg

a) 3.164g = 3gm 1dg 6cg 4mg
b) 5.750g = 5gm 7dg 5cg
c) 0.5g = 5dg
d) 0.185g = 1dg 8cg 5mg
e) 17.06g = 17g 6cg
f) 0.75g = 7dg 5cg
g) 9.009g = 9g 9mg
h) 0.008g = 8mg

8. Using decimal notation express in grams:

a) 6g 7dg 2mg = 6.702g
b) 2g 2dg 7cg 1mg = 2.271g
c) 5dg 7cg 2mg = ~~0.572g~~ 0.572g
d) 6cg 6mg = 0.066g
e) 7mg = 0.007g
f) 9mg = 0.009g
g) 8cg = 0.08g
h) 5dg = 0.5g